



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

August 17, 2015
System No.: 1500452

Ms. Dawn Mosley, Park Manager
Riverdale Village
811 Roberts Lane
Bakersfield, CA 93308

RE: Citation No. 03_12_15C_012
Violation of Title 22, California Code of Regulations, Section 64426.1,
For June 2015

Dear Ms. Mosley:

Enclosed is a Citation issued to the Riverdale Village (System) public water system.

The System will be billed at the Division's hourly rate (currently estimated at \$126.00) for the time spent on issuing this Citation. The California Health and Safety Code Section 116577 provides that a public water system must reimburse the Division for actual costs incurred by the Division for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation.

The Water System will receive a bill sent from the Division of Drinking Water Fee Billing Unit in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the System for the current fiscal year.

If you have any questions regarding this letter and the enclosed citation, please contact Adam Forbes or me at (559) 447-3300.

Sincerely,

Tricia A. Wathen, P.E.
Senior Sanitary Engineer, Visalia District
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

TAW/LR
Enclosures

cc: Kern County Environmental Health Department
Martinov Trust Et Al, c/o Southland Properties, P.O. Box 299, Santa Ynez, CA 93460
Seaco Technologies, Inc., 3220 Patton Way, Bakersfield, Ca 93308

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

IN RE: **RIVERDALE VILLAGE**
Water System No.: 1500452

TO: Ms. Dawna Mosley, Park Manager
811 Roberts Lane
Bakersfield, CA 93308

And

Martinov Trust Et AL
c/o Southland Properties
P.O. Box 299
Santa Ynez, CA 93460

Issued: August 17, 2015

**CITATION FOR NONCOMPLIANCE OF
TOTAL COLIFORM MAXIMUM CONTAMINANT LEVEL VIOLATION
TITLE 22, CALIFORNIA CODE OF REGULATIONS, SECTION 64426.1**

JUNE 2015

Section 116650 of the California Health and Safety Code (hereinafter "CHSC"), authorizes the State Water Resources Control Board (hereinafter "State Board") to issue a citation to a public water system when the State Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

1 The State Board, acting by and through its Division of Drinking Water (hereinafter "Division")
2 and the Deputy Director for the Division, hereby issues this citation pursuant to Section
3 116650 of the CHSC to the Riverdale Village (hereinafter "System") and its owner of record,
4 Martinov Trust Et Al for violation of CHSC, Section 116555(a)(1) and Title 22 California
5 Code of Regulations (hereinafter "CCR"), Section 64426.1.

6
7 A copy of the applicable statutes and regulations are included in Appendix 1, which is
8 attached hereto and incorporated by reference.

9 10 **STATEMENT OF FACTS**

11 The System is classified as a community water system serving a residential population of
12 approximately 750 persons through 290 service connections.

13
14 The System is required to collect a minimum of one (1) distribution system bacteriological
15 samples per month. The Division received laboratory results for four (4) bacteriological
16 samples collected during June 2015 from the System. All samples were analyzed for the
17 presence of total coliform bacteria. All four (4) samples were positive for total coliform
18 bacteria. None of the positive samples showed the presence of fecal coliform or *E. coli*
19 bacteria. All water samples for coliform bacteria collected are summarized in Attachment A.

20 21 **DETERMINATION**

22 Title 22, CCR, Section 64426.1, Total Coliform Maximum Contaminant Level (MCL) states
23 that a public water system is in violation of the total coliform MCL if it collects fewer than 40
24 bacteriological samples per month and more than one sample collected during any month is
25 total coliform-positive.
26
27

1 The System collected 4 bacteriological samples during June 2015. The results of the
2 analysis of 4 samples were total coliform positive. Therefore, the State Board has
3 determined that the System violated Title 22, CCR Section 64426.1 during June 2015.

4 **DIRECTIVES**

5 The System has completed the necessary public notification and investigation and no other
6 directives are necessary at this time.
7

8 The State Board reserves the right to make such modifications to the Citation as it may
9 deem necessary to protect public health and safety. Such modifications may be issued as
10 amendments to this Citation and shall be effective upon issuance.
11

12 Nothing in this Citation relieves System or its owner of record of its obligation to meet the
13 requirements of the California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing
14 with Section 116270), or any regulation, standard, permit or order issued or adopted
15 thereunder.
16

17 **PARTIES BOUND**

18 This Citation shall apply to and be binding upon the System, its owners, shareholders,
19 officers, directors, agents, employees, contractors, successors, and assignees.
20

21 **SEVERABILITY**

22 The directives of this Citation are severable, and the System shall comply with each and
23 every provision hereof, notwithstanding the effectiveness of any other provision.
24
25
26
27

FURTHER ENFORCEMENT ACTION

The California SDWA authorizes the State Board to: issue a citation with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the State Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Board; and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the State Board. The State Board does not waive any further enforcement action by issuance of this Citation.

Tricia A. Wathen

Tricia Wathen, P.E.
Senior Sanitary Engineer, Visalia District
DRINKING WATER FIELD OPERATIONS BRANCH

August 17, 2015

Date

Certified Mail No. 7014 3490 0001 7868 8927

TAW/LR

Enclosures (6):

- Appendix 1: Applicable Statutes and Regulations
- Attachment A: Summary of Distribution Bacteriological Samples in 2015
- Attachment B: Summary of Source Bacteriological Samples in 2015
- Attachment C: Public Notice for June 2014
- Attachment D: Proof of Notification Form
- Attachment E: Positive Total Coliform Investigation report



APPENDIX 1

Applicable Statutes and Regulations for Citation No. 03_12_15C_012 Violation of Total Coliform Rule MCL

Section 116271 of the CHSC states in relevant part:

(a) The State Water Resources Control Board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The State Water Resources Control Board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the State Water Resources Control Board shall refer to the State Water Resources Control Board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

- (k)
- (1) The State Water Resources Control Board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.
 - (2) The deputy director is delegated the State Water Resources Control Board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken, but are not subject to reconsideration, by the State Water Resources Control Board. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the State Water Resources Control Board, but any aggrieved person may petition the State Water Resources Control Board for reconsideration of the decision or action. This subdivision is not a limitation on the State Water Resources Control Board's authority to delegate any other powers and duties.

Section 116555(a)(1) of the CHSC states in relevant part:

- (a) Any person who owns a public water system shall ensure that the system does all of the following:
- (1) Complies with primary and secondary drinking water standards.

Section 116650 (Citations) of the CHSC states in relevant part:

- (a) If the Division determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the Division may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The Division may assess a penalty in an amount not to exceed one thousand dollars

(\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

Section 64426.1 (Total Coliform Maximum Contaminant Level (MCL)) of the CCR states in relevant part:

- (a) Results of all samples collected in a calendar month pursuant to Sections 64423, 64424, and 64425 that are not invalidated by the Department or the laboratory shall be included in determining compliance with the total coliform MCL. Special purpose samples such as those listed in §64421(b) and samples collected by the water supplier during special investigations shall not be used to determine compliance with the total coliform MCL.
- (b) A public water system is in violation of the total coliform MCL when any of the following occurs:
 - (1) For a public water system which collects at least 40 samples per month, more than 5.0 percent of the samples collected during any month are total coliform-positive; or
 - (2) For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or
 - (3) Any repeat sample is fecal coliform-positive or E. coli-positive; or
 - (4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is total coliform-positive.
- (c) If a public water system is not in compliance with paragraphs (b)(1) through (4), during any month in which it supplies water to the public, the water supplier shall notify the Department by the end of the business day on which this is determined, unless the determination occurs after the Department office is closed, in which case the supplier shall notify the Department within 24 hours of the determination. The water supplier shall also notify the consumers served by the water system. A Tier 2 Public Notice shall be given for violations of paragraphs (b)(1) or (2), pursuant to section 64463.4. A Tier 1 Public Notice shall be given for violations of paragraphs (b)(3) or (4), pursuant to section 64463.1.

Bacteriological Distribution Monitoring Report

1500452 Riverdale Village
Distribution System Freq: 1/M

Sample Date	Location	T Coli	E Coli	F Coli	HPC	Type	Cl2	Cl2 Avg	Viol. Type	GWR Satisfied?	Comments
7/7/2015	Torrey Ines Admin.	A	A			Routine	0.08				
7/7/2015	10 Torrey Pines	A	A			Routine	0.24				
7/7/2015	192 Kings Ln	A	A			Routine	0.31				
7/7/2015	171 Hickorywood	A	A			Routine	0.18				
7/7/2015	182 Hickorywood	A	A			Routine	0.16				
6/12/2015	10 Torrey Pines	P	A			Repeat	0.08		MCL	Yes	
6/12/2015	192 Kings Ln.	P	A			Repeat	0.07				
6/12/2015	171 Hickorywood	P	A			Repeat	0.00				
6/10/2015	192 Kings Ln.	P	A			Routine	0.12				
5/11/2015	10 Torrey Pines Ln.	A	A			Routine	0.03				
4/7/2015	Admin. Bldg. Sink	A	A			Routine	0.14				
3/4/2015	182 Hickorywood	A	A			Routine	0.02				
2/9/2015	171 Hickorywood	A	A			Routine	0.08				
1/12/2015	192 Kings Lane	A	A			Routine	0.11				

Violation Key

MCL	Exceeds the maximum contaminant level	MR5	Incorrect number of repeat samples as follow-up to a positive sample
MR1	No monthly sample for the report month	MR6	No source sample
MR2	No quarterly sample for the report month	MR7	No summary report submitted
MR3	Incorrect number of routine samples for the report month	MR8	Other comments and/or info
MR4	Did not collect 5 routine samples for previous month's positive sample	MR9	Cl2 not reported

Source Bacteriological Monitoring Report

1500452 Riverdale Village

<i>Sample Date Time Source</i>			<i>Sample Type</i>	<i>Test Method</i>	<i>T Coli</i>	<i>E Coli</i>	<i>F Coli</i>	<i>HPC</i>	<i>Violation</i>	<i>Comments</i>
6/12/2015	10:26	Well	GWR Well	P/A	P	A				

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Por favor tradúzcalo o hable con alguien que lo entienda bien.

RECEIVED

JUN 22 2015

Riverdale Village Has Levels of Coliform Bacteria Above the Drinking Water Standard

Our water system recently failed a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what you should do, what happened and what we did to correct this situation.

SWRCB - DDW

We routinely monitor for drinking water contaminants. We took 4 samples to test for the presence of coliform bacteria in June 2015. Four of these samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month may show the presence of coliform bacteria.

What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

Describe corrective action. Pump tube failure. Tube was replaced on 6/12/15. Residual chlorine levels increased. Problem has been corrected.

For more information, please contact Dawna Mosley, Park Manager at (661) 399-4449 or at the following mailing address: 811 Roberts Lane, Bakersfield, Ca 93308.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Riverdale Village.

Date distributed: 6/19/15.

JUN 22 2015

PROOF OF NOTIFICATION
(Return with copy of the Notice)SWRCB - DDW
FRESNO FOB

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the **Riverdale Village (1500452)** of the failure to meet the **total coliform bacteria MCL** for the month of **June 2015** as directed by the Division. At least one primary distribution method is required: mail, hand-delivery or newspaper publication. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or newspaper publication (renters, nursing home patients, prison inmates, etc.):

Notification was made on June 19, 2015
(date)

To summarize report delivery used and good-faith efforts used, please check all items below that apply and fill-in where appropriate:

- ☐ The notice was distributed by mail delivery to each customer served by the water system.
- ☒ The notice was distributed by direct delivery to each customer served by the water system.
Specify direct delivery method(s) used: Hand delivered to resident tubes located under US mail box.
- ☐ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- ☒ Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). Posted to Resident Bulletin Board located in the Clubhouse located at 811 Roberts Lane, Bakersfield CA 93308.
- ☐ Posted the notice on the Internet at www.
- ☐ Other method used to notify customers.

DISCLOSURE: Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Certified by Name and Title: Dawna Mosley, Park Manager

Date: 06/19/2015

Signature: Dawna Mosley

Due to the Division of Drinking Water within 10 days of notification to the public
Total Coliform MCL Failure / Enforcement Action No.: In progress

POSITIVE TOTAL COLIFORM INVESTIGATION

Simple Well with Pressure Tank Systems

This form is intended to assist public water systems in completing the investigation required by the California Department of Public Health (Section 64426(b) of Title 22, California Code of Regulations) and may be modified to take into account conditions unique to the system.

ADMINISTRATIVE INFORMATION

PWS Name:	Riverdale Village	PWSID NUMBER:	1500452
Operator in Responsible Charge (ORC)	Scott Moore		661-323-5115
Person that collected TC samples if different than ORC	Steve Horst		661-323-5115
Owner	Riverdale Village		661-399-4449
Certified Laboratory for Microbiological Analyses	BC Lab		800-878-4911
Date Investigation Completed:	July 3, 2013		
Month(s) of Total Coliform MCL Failure:	June 2013		

INVESTIGATION DETAILS

SOURCE	WELL (name)	WELL (name)	WELL (name)	WELL (name)	COMMENTS
	Well 1				
1. Inspect each well head for physical defects and report					
a. Is raw water sample tap upstream from point of disinfection?	Yes				System is continuously chlorinated
b. Is wellhead vent pipe screened?	Yes				
c. Is wellhead seal watertight?	Yes				
d. Is well head located in pit or is any piping from the wellhead submerged?	No				
e. Does the ground surface slope towards well head?	no				
f. Is there evidence of standing water near the wellhead?	no				
g. Are there any connections to the raw water piping that could be cross connections? (describe all connections in comments)	no				
h. Is the wellhead secured to prevent unauthorized access?	yes				
i. To what treatment plant (name) does this well pump?	N/A				
j. How often do you take a raw water total coliform (TC) test?	Quarterly				
k. Provide the date and result of the last TC test at this location	6/12/2015 after distribution positive				

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JUN 29 2015

SWRCB - DDW
FRESNO FOB

DISTRIBUTION SYSTEM

SYSTEM RESPONSES

POSITIVE TOTAL COLIFORM INVESTIGATION

Page 2 of 4

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JUN 29 2015

DISTRIBUTION SYSTEM		SYSTEM RESPONSES	
1. What is the minimum pressure you are maintaining in the distribution system?		35	
2. Did pressure in the distribution system drop to less than 5 psi prior to experiencing the TCR positive finding.		no	
3. Has the distribution system been worked on within the last week? (service taps, hydrant flushing, main breaks, main extensions, etc.) If yes, provide details.		Yes after 1 st TC distribution positive the system was flushed using fire hydrants	
4. Are there any signs of excavations near your distribution system not under the direct control of your maintenance staff?		no	
5. Did you inspect your distribution system to check for mainline leaks? Do you or did you have a mainline leak?		yes	
6. If there was a mainline leak, when was it repaired?		n/a	
7. On what date was the distribution system last flushed?		6-17-2015 after last distribution TC positive	
8. Is there a written flushing procedure you can provide for our review?		no	
9. Do you have an active cross connection control program?		yes	
10. What is name and phone number of your Cross-Connection Control Program Coordinator?		Monte Raines 661-589-1135	
11. Is the review and testing of backflow prevention devices current?		yes	
12. On what date was the last physical survey of the system done to identify cross-connections?		2011	

SAMPLE SITE EVALUATION (Complete for all TC+ or EC+ findings)

	Routine Site TC+ or EC+	Upstream Site	Downstream Site	Sample 4 (specify)
1. What is the height of the sample tap above grade? (inches)	18" to 36"	18" to 36"	18" to 36"	
2. Is the sample tap located in an exterior location or is it protected by an enclosure?	ext	ext	ext	
3. Is the sample tap threaded, have a swing arm (kitchen sink) or aerator (sinks)?	threaded	threaded	threaded	
4. Is the sample tap in good condition, free of leaks around the stem or packing?	yes	yes	yes	
5. Can the sample tap be adjusted to the point where a good laminar flow can be achieved without excessive splash?	yes	yes	yes	
6. Is the sample tap and area around the sample tap clean and dry (free of animal droppings, other contaminants or spray irrigation systems)	yes	yes	yes	
7. Is the area around the sample tap free of excessive vegetation or other impediments to sample collection	yes	yes	yes	
8. Describe how the tap was treated in preparation for sample collection (ran water, swabbed with disinfectant, flamed, etc.)	swabbed	swabbed	swabbed	
9. Is this sample tap designated on the sampling plan submitted with this information request?	yes	yes	yes	
10. What were the weather conditions at the time of the positive sample (rainy, windy, sunny).	sun	sun	sun	

POSITIVE TOTAL COLIFORM INVESTIGATION

Page 3 of 4

SAMPLE SITE EVALUATION (Complete for all TC+ or EC+ findings)	Routine Site TC+ or EC+	Upstream Site	Downstream Site	Sample 4 (specify)

GENERAL OPERATIONS:

	Response	Response
1. Where there any power outages that affected water system facilities during the 30 days prior to the TC+ or EC + findings?	no	no
2. Where there any main breaks, water outages, or low pressure reported in the service area where TC+ or EC+ samples were located.	no	no
3. Does the system have backup power or elevated storage?	no	no
4. During or soon after bacteriological quality problems, did you receive any complaints of any customers' illness suspected of being waterborne? How many?	no	no
5. What were the symptoms of illness if you received complaints about customers being sick?	n/a	n/a

RECEIVED

JUN 29 2015

SWRCS - DOW
FRESNO FOB

ADDITIONAL INFORMATION TO BE SUBMITTED WITH RESPONSES TO THE ABOVE QUESTIONS

1. Sketch of System showing all sources, treatment locations, storage tanks, microbiological sampling sites and general layout of the distribution system including the location of all hazardous connections such as the wastewater treatment facility.
2. A set of photographs of the well, pressure tanks, and storage tanks in the system may be submitted if they would show that the contamination is directly related and changes have been made since the last inspection by our Department
3. Name, certification level and certificate number of the Operator in Responsible Charge.
4. Copy of the last cross connection survey performed that identifies the location of all unprotected cross connections.

SUMMARY: BASED ON THE RESULTS OF YOUR INVESTIGATION AND ANY OTHER INFORMATION AT YOUR DISPOSAL, WHAT DO YOU BELIEVE TO BE THE CAUSE OF THE POSITIVE TOTAL COLIFORM SAMPLES FROM YOUR PUBLIC WATER SYSTEM?

The Riverdale village system is a ladder modified loop system. The chemical dosing pump is a peristaltic pump. The flexible tube in the pump developed a pin hole in which leaked chemical solution into the head. The chemical solution put the pump into alarm and shut down the pump. The water system was not receiving the normal amount of Cl2 residual thus causing the positive TC. The pump was fixed on the 17 June, 2015. The residuals confirmed at or above .25 ppm on 18 June 2015.

POSITIVE TOTAL COLIFORM INVESTIGATION

Page 4 of 4

CERTIFICATION: I CERTIFY THAT THE INFORMATION SUBMITTED IN RESPONSE TO THE QUESTIONS ABOVE IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE

NAME: [Signature] TITLE: Distribution Operator DATE: 6/19/2015

